

REMARKS

Applicant recognizes with appreciation that the Examiner indicates that Claims 61 – 63 and 37 – 70 would be allowable if rewritten in independent form including all the limitations of the base claim any intervening claims.

In this Amendment, Applicant has cancelled Claims 39 – 70 without prejudice or disclaimer, amended Claims 71 – 73, 75 – 76 and added Claims 77 – 107 to specify different embodiments of the present invention and overcome the rejection. In addition, the specification has been amended to add section headings. It is respectfully submitted that no new matter has been introduced by the amended claims and specification. All claims are now present for examination and favorable reconsideration is respectfully requested in view of the preceding amendments and the following comments.

SPECIFICATION OBJECTION:

The specification has been objected to because of lacking section headings. It is respectfully submitted that the informalities have been corrected by adding proper sections headings to the specification.

Therefore, the objection to the specification has been overcome. Withdrawal of the objection is respectfully requested.

CLAIM OBJECTION:

Claim 75 has been objected to because of certain informalities. It is respectfully submitted that the informalities have been corrected by amending Claim 75 to depend on Claim 72, where there is an antecedent basis for “the guide disc.”

Therefore, the objection to Claim 75 has been overcome. Withdrawal of the objection is respectfully requested.

REJECTIONS UNDER 35 U.S.C. § 102:

Claims 39 – 45, 51, 52, 56 – 60, 64 – 66, 71 – 73, 75 and 76 have been rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Takeuchi et al. (US Pat. No. 5,085,045).

Applicant traverses the rejection and respectfully submits that the presently claimed invention is not anticipated by the cited reference. More specifically, Claims 39 – 45, 51, 52, 56 – 60 and 64 – 66 have been cancelled without prejudice or disclaimer. The rejection to these claims is moot. In addition, amended Claim 71 and its dependent claims, including new claims, are not anticipated by Takeuchi.

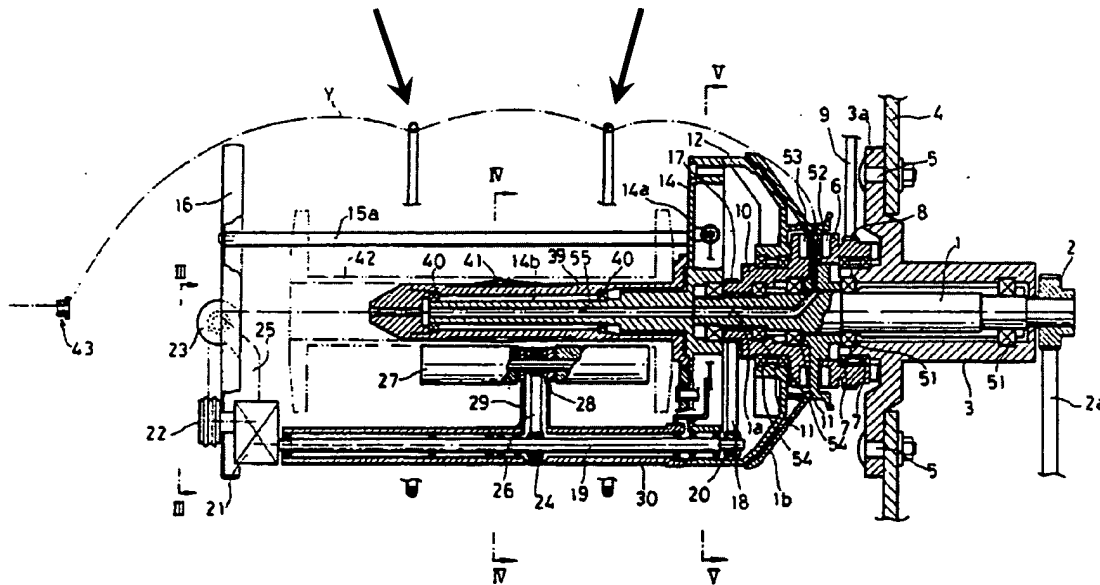
More specifically, Applicant respectfully submits that Takeuchi does not disclose the feature that “slackening means are present in the frame for releasing the tension in the elongated and threadlike element.” The slacking means (reference numeral 39 in the drawings) are intended to release the tension in the yarn after the winding/twisting element intercepts any tension differences due to speed differences. Speed differences in the production process of the yarn can create tension differences in the yarn. However, in order to wind the yarn on the winding device properly, the tension should be equal and moderate anywhere in the threadlike element.

Thus, before winding the yarn onto the winding element, the slackening means will take out the abundant tension (or stretch) in the yarn. In other words, these slackening means decrease the level of tension in the yarn, independent of the speed of the winding device. This prevents an unwanted breaking of the yarn and the hardness of the bobbin is maintained at a constant level.

It is respectfully submitted that the Examiner does not properly address or point to the relevant paragraphs which would show all technical features of present Claim 71. As indicated, the features of slackening means are intended to release the tension in the yarn after the winding/twisting element to avoid any tension differences due to speed

differences. Takeuchi fails to disclose any feature that releases the tension in yarn after the winding/twisting element due to speed difference of the present invention as claimed.

Reproduced below is Fig. 1 of Takeuchi, where two hook-shaped elements are depicted with both arrows under which the yarn is guided. It is respectfully submitted that these hook-shaped elements that guide the yarn in the balloon function as an extra abrasion element which generates an uncertain tension in the yarn.



In addition, use of hook-shaped elements clearly indicates that, with the device of Takeuchi, no stabilized balloon of the yarn can be maintained. Therefore, tension differences in the yarn exist and the device of Takeuchi requires the two hook elements in order to properly stabilize the yarn balloon.

Furthermore, due to the hook-shaped elements in Fig. 1 of Takeuchi, unwanted tension peak forces may occur in the yarn resulting in an unwanted breaking of the yarn. According to the present invention, slackening means are present so that all undesired tension differences are released in the yarn to prevent an unwanted breaking of the yarn.

Therefore, the currently presented claims are not anticipated by Takeuchi and the rejection under 35 U.S.C. § 102(b) has been overcome. Accordingly, withdrawal of the rejection under 35 U.S.C. § 102(b) is respectfully requested.

REJECTIONS UNDER 35 U.S.C. § 103:

Claims 46 – 50, 53 – 55 and 74 have been rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Takeuchi in view of German Patent (3150610).

Applicant traverses the rejection and respectfully submits that the embodiments of present-claimed invention are not obvious over cited references. More specifically, Claims 46 – 50, 53 – 55 have been cancelled without prejudice or disclaimer. The rejection to these claims is moot. In addition, there are significant differences between the invention as claimed and Takeuchi as described above. There is no motivation or suggestion to combine these two references. Even if they are combined, they do not disclose or suggest the present invention as claimed.


Therefore, the newly presented claims are not obvious over Takeuchi in view of German Patent. The rejection under 35 U.S.C. § 103 has been overcome. Accordingly, withdrawal of the rejections under 35 U.S.C. § 103 is respectfully requested.

Having overcome all outstanding grounds of rejection, the application is now in condition for allowance, and prompt action toward that end is respectfully solicited.

Respectfully submitted,

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